

OTFRIED SCHWARZKOPF

Atty. Docket No. 825-164

Claim 4 has been amended as follows:

4. Axial piston compressor according to claim 1,

*a*²
characterized in that, given a distance of 30 mm between the long axis (L) of the drive shaft and the long axis (Z) of the piston, an 8-mm diameter of the flat surface (22) of the sliding blocks (20), which is opposed to the slideway, and a maximal tilt angle (α) of 18° between the long axis of the drive shaft and the central axis of the disc, the distance between the mid-plane of the disc and the pivotal axis of the disc (14) is no greater than about 1 mm.

✓
Add the following new claims: ✓

5. Axial piston compressor according to Claim 2, characterized in that the disc is a wobble plate that is rotatably mounted on a swash plate and is set at a tilt angle with respect to the drive shaft that corresponds to the angle of the swash plate.

6. Axial piston compressor according to claim 2,

*a*³
characterized in that, given a distance of 30 mm between the long axis (L) of the drive shaft and the long axis (Z) of the piston, an 8-mm diameter of the flat surface (22) of the sliding blocks (20), which is opposed to the slideway, and a maximal tilt angle (α) of 18° between the long axis of the drive shaft and the central axis of the disc, the distance between the mid-plane of the disc and the pivotal axis of the disc (14) is no greater than about 1 mm.

Respectfully submitted,

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